

# Software Development Products

## Software Defect Update

### Intel® VTune™ Performance Analyzer

---

*2nd June 2004*

Copyright © 2003, Intel Corporation. All rights reserved

#### Legal Disclaimer

*This document is a compilation of software and software documentation defects, and software specification clarifications and changes. It is intended for hardware system manufacturers and software developers of applications, operating systems or tools.*

*Except as expressly provided in Intel's standard terms and conditions of sale for the Intel software product or in the Intel software license agreement accompanying the Intel software product, the Intel software product is provided "as is", without warranty of any kind, whether express, implied or statutory, including but not limited to a warranty of merchantability, noninfringement of intellectual property, or fitness for any particular purpose.*

**THIS DOCUMENT IS PROVIDED "AS IS" WITHOUT ANY EXPRESS, IMPLIED, OR STATUTORY WARRANTY OF ANY KIND INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY, NONINFRINGEMENT OF INTELLECTUAL PROPERTY, OR FITNESS FOR ANY PARTICULAR PURPOSE. Intel does not warrant or assume responsibility for the accuracy, completeness or utility of any information contained herein. Intel may make changes to these materials, or to the Intel products**

*described therein, at any time without notice. Intel makes no commitment to update these materials.*

*Independent companies manufacture the third-party products that are mentioned in this document. Intel is not responsible for the quality of third-party products and makes no representation or warranty regarding such products. The third-party supplier remains solely responsible for the design, manufacture, sale and functionality of its products.*

Intel, Intel logo, Itanium, Pentium, and VTune are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries.

*\*Other names and brands may be claimed as the property of others.*

If you have any questions about the issues discussed in this report, please open a support issue at <https://premier.intel.com/>

---

## Linux\*

13891	<a href="#">Addresses are displayed inconsistently using both hex and decimal.</a>
15186	<a href="#">Incorrect reference to pause/resume APIs</a>
15122	<a href="#">VTune Performance Analyzer for Linux* doesn't collect samples based on events</a>

---

## Windows\*

12908	<a href="#">Unable to open VTune(TM) Performance Analyzer 6.0 project files with VTune Analyzer 6.1</a>
-------	---

13339 <u>SAMPLING user interfaces</u>	<u>Use of "DELETE" key not supported consistently in</u>
14911	<u>Values may be truncated in call graph tables</u>
15395 <u>message when creating new project</u>	<u>Microsoft* Visual Studio* .NET* displays warning</u>
<u>DLL</u>	<u>How to collect call graph data for an ISAPI* extension</u>
15424	<u>vtl -hotspot-... options don't work as documented</u>
15423	<u>vtl view truncates file names</u>
15427 <u>"Unexpected problem" error message</u>	<u>Attempting to open a source view may result in an</u>
15536	<u>EBS grayed out</u>
15512	<u>No Thread View for Linux* Sampling Analysis</u>
15629	<u>Instrumentor Run Time Error - "Fiber record not found"</u>
<u>project</u>	<u>Pack and Go fails, losing some of the activities in a</u>
15607	<u>Remote system name length limited by wizard</u>
<u>VTune(TM) analyzer</u>	<u>Microsoft* compilers switch for debug information for</u>
15080	<u>Call graph function summary may not display information</u>
15081	<u>Call graph does not show RtlEnterCriticalSection and</u>

## RtlLeaveCriticalSection

- |              |   |
|--------------|---|
| <u>15107</u> | <u>Integration with Microsoft* Visual Studio* .NET* may cause problems on Korean Windows*</u> |
| <u>15132</u> | <u>Error may be displayed when attempting to launch Getting Started tutorial</u>              |
| <u>16913</u> | <u>VTune analyzer may not be able to locate the remote system</u>                             |
| <u>16825</u> | <u>Error messages result when Master collector is specified</u>                               |
| <u>14768</u> | <u>Disassembly of Itanium(R) instructions is sometimes incorrect</u>                          |
| <u>18262</u> | <u>Error: "Can't use in the dll-level call graph profiling..."</u>                            |
| <u>17997</u> | <u>Unable to install</u>  |
| <u>18136</u> | <u>Error message "Changing security permissions of BISTRO project directory failed"</u>       |
| <u>17961</u> | <u>Microsoft Visual Studio* .NET* may crash when activating the integrated VTune analyzer</u> |
| <u>18951</u> | <u>Is Call Graph supported from Microsoft* Windows* command-line?</u>                         |
| <u>19121</u> | <u>Unexpected behavior may result from a disk full situation</u>                              |
| <u>19120</u> | <u>VTune analyzer uninstall may produce various problems</u>                                  |
| <u>19434</u> | <u>VTune analyzer version 7.1 does not work after installing Update 1?</u>                    |

---

## Linux\*

<b>Title</b>	Addresses are displayed inconsistently using both hex and decimal.
<b>Reference#</b>	13891
<b>Product</b>	VTune(TM) Performance Analyzer
<b>Version</b>	6.1
<b>Operating System</b>	Linux
<b>Problem Description</b>	In the disassembly view of Intel(R) Itanium(R) processor code, addresses are sometimes displayed in hex (040h) and sometimes in decimal (1234). Also, sometimes a hex value is shown as 0x123 and other times as 0123h.
<b>Resolution/Status</b>	This known issue may be resolved in a future release.

<b>Title</b>	Incorrect reference to pause/resume APIs
<b>Reference#</b>	15186
<b>Product</b>	VTune(TM) Performance Analyzer for Linux*
<b>Version</b>	1.0, 1.1
<b>Operating System</b>	Linux
<b>Problem Description</b>	In the user's guide for the VTune(TM) Performance Analyzer for Linux*, there is a reference to "pause/resume APIs" and the "ResumeAPI" on the "Configuring an Activity" page under the "Start with Data Collection Paused" heading. These APIs are not support by this product at this time.
<b>Resolution/Status</b>	This issue has been resolved in version 2.0 of the VTune analyzer for Linux (package ID = vt_cli_2.0.348). Support for the Pause/Resume APIs has been added.

<b>Title</b>	VTune Performance Analyzer for Linux* doesn't collect samples based on events
<b>Reference#</b>	15122
<b>Product</b>	VTune(TM) Performance Analyzer for Linux*
<b>Version</b>	1.0, 1.1
<b>Operating System</b>	Linux
<b>Problem Description</b>	<p>When using the VTune(TM) Performance Analyzer for Linux on a laptop computer, the sampling collector reports that it failed to collect data because the event(s) did not occur. For example,</p> <p>\$ vtl activity -c sampling run  VTune(TM) Performance Analyzer 1.0 for Linux*  Copyright (C) 2000-2003 Intel Corporation. All rights reserved.</p> <p>The Activity is running.  Sat Mar 15 17:16:23 2003 localhost (Run 0) The Sampling Collector is calibrating its collection parameters for the following event(s):  Instructions Retired, Clockticks.  Sat Mar 15 17:16:53 2003 localhost (Run 0) The Sampling Collector is collecting samples based on the following event(s): Instructions Retired, Clockticks.  Sat Mar 15 17:17:24 2003 localhost (Run 0) The Sampling Collector failed to collect data because the selected event(s) did not occur.  The Activity has finished running.</p>
<b>Resolution/Status</b>	<p>This known problem may be addressed in a future release.</p> <p>The problem is that the installation allowed the product to be installed on an unsupported platform. Please review the topic "Event-based Sampling (EBS)" in the user's guide for a list of "Platforms on which EBS can run". Specifically, "EBS can only be performed on laptops using the Mobile Intel(R) Pentium(R) III Processor - M or the Mobile Intel(R) Pentium(R) 4 Processor - M."</p>

## Windows\*

<b>Title</b>	Unable to open VTune(TM) Performance Analyzer 6.0 project files with VTune Analyzer 6.1
<b>Reference#</b>	12908
<b>Product</b>	VTune(TM) Performance Analyzer
<b>Version</b>	6.1
<b>Operating System</b>	Windows* 2000 Professional
<b>Problem Description</b>	When upgrading to version 6.1 of the VTune analyzer from version 6.0, you may be unable to open old 6.0 project files.
<b>Resolution/Status</b>	This is a known issue that may be resolved in a future product release. A workaround is to use the Pack and Go feature (see File menu, "Pack and Go..." menu item) to pack 6.0 projects and then "Unpack" them using 6.1.

<b>Title</b>	Use of "DELETE" key not supported consistently in SAMPLING user interfaces
<b>Reference#</b>	13339
<b>Product</b>	VTune(TM) Performance Analyzer
<b>Version</b>	6.1
<b>Operating System</b>	Windows* 2000 Professional
<b>Problem Description</b>	Can't use the DEL key to remove an event from the Selected Events list on the Sampling Configuration dialog's Events tab.
<b>Resolution/Status</b>	This problem is currently under investigation and may be resolved in a future product release.

<b>Title</b>	Values may be truncated in call graph tables
--------------	--

<b>Reference#</b>	14911
<b>Product</b>	VTune(TM) Performance Analyzer
<b>Version</b>	7.0
<b>Operating System</b>	Windows* XP Professional
<b>Problem Description</b>	<p>Under certain conditions (e.g., merging all threads in the call graph data or data for long activity runs), you may see the following types of messages in the Call Graph Loader output window of the VTune Performance Analyzer:</p> <p>"WARNING: : exceeds 4,294,967,295 and will be truncated (see the Graph for precise value)."</p> <p>where identifies the method or thread id and identifies the measurement in question, for example, "Total Time" or "Self Time".</p>
<b>Resolution/Status</b>	<p>This known problem may be resolved in a future release.</p> <p>This problem results from a limitation in the third-party control used to display the call graph data. The current workaround is to hover the cursor over the method in the graph view. The tool tip displayed will correctly report the actual values.</p>

<b>Title</b>	Microsoft* Visual Studio* .NET* displays warning message when creating new project
<b>Reference#</b>	15395
<b>Product</b>	VTune(TM) Performance Analyzer
<b>Version</b>	7.0
<b>Operating System</b>	Windows* 2000 Professional



<b>Problem Description</b>	Once the VTune Performance Analyzer has been installed and integrated with the Visual Studio .NET environment, if you create a new project after starting Visual Studio .NET, the following warning message is displayed: "The options file '.suo' was not written successfully. Check that the location is available, the file is writeable and there is enough room on the disk."
<b>Resolution/Status</b>	<p>This issue has been resolved in version 7.1 of the VTune analyzer (package ID = w_vt_p_7.1.018).</p> <p>Note: that while this error message may be displayed, if you save the project using the toolbar button or File menu, the project is saved correctly and can be subsequently reopened. Also, this message is only displayed for the first project created after starting Visual Studio .NET. If you create another project, without shutting down Visual Studio .NET, the error message is not displayed.</p>

<b>Title</b>	How to collect call graph data for an ISAPI* extension DLL
<b>Reference#</b>	15312
<b>Product</b>	VTune(TM) Performance Analyzer
<b>Version</b>	7.0
<b>Operating System</b>	Windows* 2000 Professional

<b>Problem Description</b>	<p>When attempting to call graph an ISAPI extension DLL created by Microsoft* Visual Studio* 6.0 or .NET*, you should use the DLL-level Call Graph Profiling method discussed in the online help. However, in VTune Performance Analyzer version 7.0, there are two problems that will keep you from successfully collecting call graph data for your ISAPI DLL.</p> <p>First, instrumenting the <code>_AfxParseCall()</code> function will cause the application to fail.</p> <p>Second, access rights to the VTune analyzer's project directory cause the collected data to be lost.</p>
<b>Resolution/Status</b>	<p>This known issue may be resolved in a future release.</p> <p>To work around the first problem, simply use the Custom instrumentation level to not instrument the <code>_AfxParseCall()</code> function. To do this, modify the activity and configure the call graph collector. Next, select your DLL in the modules list and press the 'Functions...' button. Find the <code>_AfxParseCall()</code> function (it should be near the top of the list) and uncheck the box for this function. Then, press OK on each dialog to complete the configuration change.</p> <p>To work around the second problem, you must grant Full Control access to the VTune analyzer project directory to Everyone, that is, the project that will be collecting the call graph data. After you create the project, or if you have one existing already, just use Windows Explorer to locate the directory, right-click on it, select the Security tab, and then add 'Everyone' to the list and give them Full Control.</p>

<b>Title</b>	vtl -hotspot-... options don't work as documented
<b>Reference#</b>	15424
<b>Product</b>	VTune(TM) Performance Analyzer
<b>Version</b>	7.0
<b>Operating System</b>	Windows NT* 2000 Professional

<b>Problem Description</b>	The CLI documentation shows -hotspot-function, -hotspot-address, -hotspot-class and -hotspot-source as alternative spelling to use instead of the abbreviations -hf -ha -hc and -hs. Unfortunately, none of the full spellings work.
<b>Resolution/Status</b>	This issue has been resolved in version 7.1 of the VTune analyzer (package ID = w_vt_p_7.1.018)

<b>Title</b>	vtl view truncates file names
<b>Reference#</b>	15423
<b>Product</b>	VTune(TM) Performance Analyzer
<b>Version</b>	7.0
<b>Operating System</b>	Windows NT* 2000 Professional
<b>Problem Description</b>	The vtl view command truncates file names and paths at 100 characters. Even when exporting to a CSV file, the file names and paths are truncated.
<b>Resolution/Status</b>	This known problem may be resolved in a future release.

<b>Title</b>	Attempting to open a source view may result in an "Unexpected problem" error message
<b>Reference#</b>	15427
<b>Product</b>	VTune(TM) Performance Analyzer
<b>Version</b>	7.0
<b>Operating System</b>	Windows* XP Professional

<b>Problem Description</b>	<p>Attempts to open a Source View window may result in a failure, with these two message boxes appearing:</p> <p>Title: "Source View"  Message: "Unexpected problem has occurred. The Source View window will now be closed."</p> <p>Followed by message box:</p> <p>Title: "Serious Error"  Message: "A serious error occurred in file D:\VTune5.0\analyzer\src\SVDP\VTSvdp.cpp at line 1498 (Unexpected problem has occurred. The Source View window will now be closed.). The failed HRESULT that produces this error is 0x80004005. Please contact technical support."</p>
<b>Resolution/Status</b>	This known issue may be resolved in a future release. It can be caused by function or label names greater than 256 characters in length.

<b>Title</b>	EBS grayed out
<b>Reference#</b>	15536
<b>Product</b>	VTune(TM) Performance Analyzer
<b>Version</b>	7.0
<b>Operating System</b>	Windows* 2000 Server
<b>Problem Description</b>	EBS (Event Based Sampling) is grayed out on desktop with VMWare*.
<b>Resolution/Status</b>	EBS (Event Based Sampling) is not supported on VMWare because the processor hardware counters on which EBS depends are not exposed by VMWare.

<b>Title</b>	No Thread View for Linux* Sampling Analysis
<b>Reference#</b>	15512
<b>Product</b>	VTune(TM) Performance Analyzer
<b>Version</b>	7.0

<b>Operating System</b>	Windows* XP Professional
<b>Problem Description</b>	After using the Linux* Remote Agent to collect sampling data, the "Thread View" button of the VTune analyzer 7.0 user interface is grayed out, so that there is no way to look at the Thread View.
<b>Resolution/Status</b>	This is not a defect of the VTune(TM) Performance Analyzer. In Linux, threading is implemented by the POSIX* Threads package (pthreads), which uses processes to implement threads. Therefore, you will not see any threads in the collected data, only processes and, thus, the Thread view button will be disabled.

<b>Title</b>	Instrumentor Run Time Error - "Fiber record not found"
<b>Reference#</b>	15629
<b>Product</b>	VTune(TM) Performance Analyzer
<b>Version</b>	7.0
<b>Operating System</b>	Windows* 2000 Professional
<b>Problem Description</b>	When trying to call graph an application that uses fibers, a dialog box may be displayed titled: "Instrumentor Run Time Error." The message is "Fiber record not found".
<b>Resolution/Status</b>	This issue has been resolved in version 7.1 of the VTune analyzer (package ID = w_vt_p_7.1.018)

<b>Title</b>	Pack and Go fails, losing some of the activities in a project
<b>Reference#</b>	15627
<b>Product</b>	VTune(TM) Performance Analyzer
<b>Version</b>	7.0
<b>Operating System</b>	Windows* 2000 Professional

<b>Problem Description</b>	When creating a Pack and Go of a project, a failure may occur. The message "WARNING: : failed to pack" may be displayed in the Pack and Go output window. One or more activities may not be included in the resultant .VXP file.
<b>Resolution/Status</b>	This known issue is seen when using version 1.0 of the Intel(R) Thread Checker. To resolve this problem, please download product update 2 of the Intel Thread Checker from the File Downloads area of Intel Premier Support ( <a href="http://premier.intel.com">http://premier.intel.com</a> ). See the file: W_VTMTT_PU2_1.0_0018.exe.

<b>Title</b>	Remote system name length limited by wizard
<b>Reference#</b>	15607
<b>Product</b>	VTune(TM) Performance Analyzer
<b>Version</b>	7.0
<b>Operating System</b>	Windows* XP Professional
<b>Problem Description</b>	When creating a new activity for remote sampling using the Sampling wizard, the host name for a remote system is limited to 18 characters. This may not be big enough to enter a fully qualified name.
<b>Resolution/Status</b>	This issue has been resolved in version 7.1 of the VTune analyzer (package ID = w_vt_p_7.1.018).

<b>Title</b>	Microsoft* compilers switch for debug information for VTune(TM) analyzer
<b>Reference#</b>	15902
<b>Product</b>	VTune(TM) Performance Analyzer
<b>Version</b>	7.0
<b>Operating System</b>	Windows* 2000 Professional

<b>Problem Description</b>	The VTune analyzer online help describes how to use the Microsoft* compilers to generate debug information for the analyzer to use. It incorrectly specifies the use of /Zi and /ZI in the command line section for Microsoft Visual Studio*.
<b>Resolution/Status</b>	<p>This issue has been resolved in version 7.1 of the VTune analyzer (package ID = w_vt_p_7.1.018).</p> <p>According to the Microsoft Visual Studio online documentation, the /ZI option is for generating expanded information for the Visual Studio "Edit &amp; Continue" feature and, therefore, is unnecessary for use with the VTune analyzer. Only the /Zi option is necessary.</p>

<b>Title</b>	Call graph function summary may not display information
<b>Reference#</b>	15080
<b>Product</b>	VTune(TM) Performance Analyzer
<b>Version</b>	7.0
<b>Operating System</b>	Windows* XP Professional
<b>Problem Description</b>	<p>In VTune Performance Analyzer version 6.1, after collapsing all the rows in the call graph function summary (the upper section of the call graph window), the totals for the statistics (e.g., Self Time, Total Time, etc.) were displayed on the "Total" line of each module.</p> <p>In VTune Performance Analyzer version 7.0, this information may not be displayed.</p>
<b>Resolution/Status</b>	This issue has been resolved in version 7.1 of the VTune analyzer (package ID = w_vt_p_7.1.018).

<b>Title</b>	Call graph does not show RtlEnterCriticalSection and RtlLeaveCriticalSection
<b>Reference#</b>	15081
<b>Product</b>	VTune(TM) Performance Analyzer

<b>Version</b>	7.0
<b>Operating System</b>	Windows* XP Professional
<b>Problem Description</b>	In 6.1 or earlier versions of the VTune(TM) Performance Analyzer, the functions RtlEnterCriticalSection and RtlLeaveCriticalSection were instrumented by call graph and displayed in the function summary and as callees. When using version 7.0, however, these functions are not instrumented and, therefore, do not appear in the call graph results. Why?
<b>Resolution/Status</b>	This issue has been resolved in version 7.1 of the VTune analyzer (package ID = w_vt_p_7.1.018).

<b>Title</b>	Integration with Microsoft* Visual Studio* .NET* may cause problems on Korean Windows*
<b>Reference#</b>	15107
<b>Product</b>	VTune(TM) Performance Analyzer
<b>Version</b>	7.0
<b>Operating System</b>	Windows* XP Professional
<b>Problem Description</b>	After installing version 7.0 of the VTune Performance Analyzer and selecting Visual Studio .NET integration, you may not be able to open Visual Studio .NET's Options dialog.
<b>Resolution/Status</b>	<p>This known issue may be resolved in a future release.</p> <p>The only work around is to disable Visual Studio .NET integration by going to Add/Remove Programs in the Windows control panel and selecting "VTune(TM) Performance Analyzer" from the list and pressing the "Change" button. Then, select "Modify" in the Setup wizard and press "Next". Finally, under 'Program Files', disable the Visual Studio .NET integration feature (select "This feature will not be available." from the drop down menu) and then complete the setup.</p>



<b>Title</b>	Error may be displayed when attempting to launch Getting Started tutorial
<b>Reference#</b>	15132
<b>Product</b>	VTune(TM) Performance Analyzer
<b>Version</b>	7.0
<b>Operating System</b>	Windows* 2000 Professional
<b>Problem Description</b>	After installing the VTune analyzer using the Custom configuration, and selecting Getting Started Tutorial -> VTune(TM) Performance Analyzer from the Help menu, the following error message may be displayed by Microsoft* Internet Explorer*: "Cannot find 'file:///C:/Program%20Files/Intel/VTune/Training/tutorial/index.htm'. Make sure the path or Internet address is correct."
<b>Resolution/Status</b>	<p>This problem is a result of using the custom configuration during installation and not installing the "Training" component. To view the Getting Started tutorial, you must install the Training component.</p> <p>The product issue has been corrected in version 7.1 of the VTune analyzer. It no longer attempts to open the tutorial, if it was not installed.</p>

<b>Title</b>	VTune analyzer may not be able to locate the remote system
<b>Reference#</b>	16913
<b>Product</b>	VTune(TM) Performance Analyzer
<b>Version</b>	7.0
<b>Operating System</b>	Windows* 2000 Professional
<b>Problem Description</b>	In systems with more than one network card, the analyzer may be unable to connect to the remote system. If one of the network cards is connected to a local isolated network (versus a corporate network) or a single system, the analyzer attempts to locate the remote system on the main network, which will fail.

<b>Resolution/Status</b>	This known issue may be resolved in a future release. The only workaround is to take the second network card out of the system or disable it via software configuration settings, and connect the remote system to the main network.
--------------------------	--

<b>Title</b>	Error messages result when Master collector is specified
<b>Reference#</b>	16825
<b>Product</b>	VTune(TM) Performance Analyzer
<b>Version</b>	7.0
<b>Operating System</b>	Windows* 2000 Professional
<b>Problem Description</b>	<p>It is possible to configure an activity with two remote sampling collectors and to specify one collector as the Master. The following error message may result on one of the remote systems:</p> <p>***! LIBVSAMP Error:( -1) Unspecified Error 000 08/06/03 10:03:34 [ERROR] Unable to configure the sampling driver (error=-1)".</p> <p>The following error message may be displayed by the VTune analyzer on the Microsoft* Windows* host system: "Remote Server on sysname (192.168.80.2) reports: [ERROR] Attempt to perform sampling failed. unable to configure driver: error=-1"</p>
<b>Resolution/Status</b>	This known problem may be resolved in a future release. The Master collector designation is only intended for use on the sampling collector when the activity also contains the counter monitor collector.

<b>Title</b>	Disassembly of Itanium(R) instructions is sometimes incorrect
<b>Reference#</b>	14768
<b>Product</b>	VTune(TM) Performance Analyzer
<b>Version</b>	7.0

<b>Operating System</b>	Windows* 2000 Professional
<b>Problem Description</b>	When viewing Itanium instructions in the source view in "Disassembly Only" or any of the "Mixed" modes, instructions may be duplicated or incorrectly decoded.
<b>Resolution/Status</b>	This issue has been resolved in the 7.1 release of the VTune analyzer.

<b>Title</b>	Error: "Can't use in the dll-level call graph profiling..."
<b>Reference#</b>	18262
<b>Product</b>	VTune(TM) Performance Analyzer
<b>Version</b>	7.1
<b>Operating System</b>	Windows* 2000 Professional
<b>Problem Description</b>	Attempting to call graph a DLL may result in the following error message: "Can't use in the dll-level call graph profiling. Possible cause: the file is a system dll/executable/.NET dll, or module is of unsupported platform, or some other reason."
<b>Resolution/Status</b>	The error message may be misleading. The simple problem is that without debug information, you cannot do DLL-level call graph profiling. Modify the settings for the Release build configuration to include debug information and rebuild the DLL.

<b>Title</b>	Unable to install
<b>Reference#</b>	17997
<b>Product</b>	VTune(TM) Performance Analyzer
<b>Version</b>	7.0
<b>Operating System</b>	Windows* XP Professional

<b>Problem Description</b>	When attempting to install the VTune analyzer by clicking on the Install Now... link, either the setup.mwg file is opened, instructing you to run Setup /DNative, or the error message "...\\setup.mwg is not a valid Win32* application" is displayed.
<b>Resolution/Status</b>	<p>This known problem may be resolved in a future release.</p> <p>Workaround: By default, the installation package extracts the files into the Microsoft* Windows* user's TEMP directory. On Microsoft Windows XP and 2000, this tends to be a long pathname. This problem can be solved by extracting the files into a simple directory path like C:\\VT70. Simply rerun the downloaded executable and, when prompted, specify this as the directory for the extracted files.</p>

<b>Title</b>	Error message "Changing security permissions of BISTRO project directory failed"
<b>Reference#</b>	18136
<b>Product</b>	VTune(TM) Performance Analyzer
<b>Version</b>	7.1
<b>Operating System</b>	Windows* XP Professional
<b>Problem Description</b>	With the VTune analyzer version 7.1, the following error message may appear when trying to create a new call graph project: "Changing security permissions of BISTRO project directory failed"
<b>Resolution/Status</b>	This is a known issue with some European operating systems. We are aware of this problem and it may be corrected in a future release. The only workaround at this point is to use English version of the operating system.

<b>Title</b>	Microsoft Visual Studio* .NET* may crash when activating the integrated VTune analyzer
<b>Reference#</b>	17961

<b>Product</b>	VTune(TM) Performance Analyzer
<b>Version</b>	7.1
<b>Operating System</b>	Windows* XP Professional
<b>Problem Description</b>	If a Visual Studio .NET 2003 C++ project is converted to a Intel C++ project using the Intel C++ Compiler 8.0, activating the VTune analyzer may crash Visual Studio .NET. This can happen when pressing the Sampling, Call Graph, Counter Monitor, or Quick Performance Analysis buttons in Visual Studio .NET.
<b>Resolution/Status</b>	<p>This known issue may be resolved in a future release.</p> <p>Somehow, the compiler's conversion is leaving the project in a bad state. A simple workaround is to convert the project back to a Visual Studio C++ project prior to using the analyzer. That is, after converting the project to a Intel C++ project, rebuild the project, then convert it back to VS and run the analyzer. That way, you can analyze the Intel C++ compiler generated binaries.</p> <p>Another workaround is to use the Advanced Activity Builder button, instead of any of the predefined activity buttons. This requires you to manually add the collector and the application, but it does allow you to collect performance data with the project in the converted Intel C++ compiler state. If you use the Create New Activity button or menu item, you can use any of the wizards to create and run an activity. It appears that the only things that don't work are the predefined buttons: Sampling, Call Graph, Counter Monitor, and Quick Performance Analysis.</p>

<b>Title</b>	Is Call Graph supported from Microsoft* Windows* command-line?
<b>Reference#</b>	18951
<b>Product</b>	VTune(TM) Performance Analyzer
<b>Version</b>	7.1
<b>Operating System</b>	Windows* XP Professional

<b>Problem Description</b>	You may see the message: "Type vtl -help for valid syntax" when you attempt to use vtl command line for call graph data collection, even though 'vtl query -lc' lists "Call Graph" as an available collector.
<b>Resolution/Status</b>	<p>This known problem may be resolved in a future release.</p> <p>Per the Release Notes, "Call graph data collection is not yet supported using the Windows* command-line interface of the VTune analyzer. Use the VTune analyzer GUI for call graph data collection instead." However, if you type 'vtl activity a1 -c "call graph" -app myprog.exe -moi myprog.exe', in certain situations it will work.</p> <p>Please note that this feature is incomplete, even though call graph is mentioned many times in command line help file. That was an oversight in our documentation.</p>

<b>Title</b>	Unexpected behavior may result from a disk full situation
<b>Reference#</b>	19121
<b>Product</b>	VTune(TM) Performance Analyzer
<b>Version</b>	7.1
<b>Operating System</b>	Windows NT* 2000 Professional
<b>Problem Description</b>	<p>Various behaviors have been reported when the disk that is used by the analyzer to store the collected data becomes full. One example is that symbols for the module displayed in the Hotspots view were no longer displayed, instead hotspots were displayed by RVA. No error message was displayed and it was not obvious that there was a problem. This resulted when the drive that was configured with with the "global_data" directory became full, even though the drive containing the specific VTune analyzer project was on a large drive with lots of free space.</p>

<b>Resolution/Status</b>	The global_data directory is used to cache symbol information and binaries from remote data collection on Linux* systems. Therefore, it is important to configure the analyzer to store this directory on a drive with plenty of free space. Normally, this is done during installation. However, you can reconfigure this location by changing the VTUNE_GLOBAL_DIR environment variable and restarting the analyzer. Alternately, ensure that your C: drive is not full and free up space, if it is.
--------------------------	--

<b>Title</b>	VTune analyzer uninstall may produce various problems
<b>Reference#</b>	19120
<b>Product</b>	VTune(TM) Performance Analyzer
<b>Version</b>	7.1
<b>Operating System</b>	Windows* XP Professional
<b>Problem Description</b>	If you have installed any of Intel's Threading Tools (i.e., Thread Checker and Thread Profiler), uninstalling and reinstalling the VTune analyzer may cause you to experience problems with the software. This can include a failure during the reinstall of the analyzer.
<b>Resolution/Status</b>	<p>This known issue may be resolved in a future release.</p> <p>Currently, the VTune analyzer uninstall process does not take into account add-in products such as the Threading Tools. Therefore, you must uninstall the Threading Tools prior to uninstalling the analyzer. Basically, you must uninstall in the opposite order that you installed the products - last in, first out (LIFO).</p>

<b>Title</b>	VTune analyzer version 7.1 does not work after installing Update 1?
<b>Reference#</b>	19434
<b>Product</b>	VTune(TM) Performance Analyzer
<b>Version</b>	7.1

<b>Operating System</b>	Windows* XP Professional
<b>Problem Description</b>	If you install the Update 1 for the VTune analyzer version 7.1, and one or more of the Intel Threading Tools is installed (e.g., Thread Checker or Thread Profiler), the analyzer as well as the Threading Tools will no longer function. Specifically, after using a wizard to create an activity and collect data, the analyzer will display an error when attempting to display the collected data.
<b>Resolution/Status</b>	This known issue can only be resolved by uninstalling the Thread Tools and then the VTune analyzer, and then re-installing version 7.1 of the analyzer and the Threading Tools, but not Update 1. Update 1, which has been removed from this site, incorrectly overwrote a DLL that is shared by the analyzer and the Threading Tools, causing this problem.